



## Service Guide - Centrifugal Compressors

HMP is your partner for complete overhauls, repairs, reconditioning, upgrades, revamps and relocations of centrifugal compressors, both on site as well as in one of our workshops.



### Product Range

- Axial compressors
- Radial compressors – splitline and barrel type
- Screw compressors
- Bull gear type compressors / integrally geared compressors

### Brands Served

- |                |               |
|----------------|---------------|
| • Atlas Copco  | MAN Turbo     |
| • Borsig       | Mitsubishi    |
| • Dresser Rand | Nuovo Pignone |
| • DEMAG        | Siemens       |
| • Elliott      | Stork Delaval |
| • Hitachi      | Sulzer        |
| • Howden       | Thomassen     |

### Service Packages

The range of services that we provide for centrifugal compressors allow you to benefit from the expertise and skills developed by the workshops and field service teams.

- |                          |                       |
|--------------------------|-----------------------|
| • 24 – hour service      | Upgrades              |
| • Relocations            | Overhauls             |
| • Service agreements     | Repairs               |
| • Partnership agreements | Engineering           |
| • Condition monitoring   | Parts supply          |
| • Used machinery         | Field service         |
| • Technical consultancy  | Re-rates and de-rates |



**MAINTENANCE**  
PARTNERS  
by **Howden**



### **Workshop Activities**

- Complete overhauls of centrifugal compressors
- Destacking of compressor rotor
- Rotor repairs
- Repairs of impeller and diaphragm vanes
- Parts supply by reverse engineering or supplied by OEM
- Low speed balancing
- High speed balancing
- Impeller spin test
- Coating application on impellers for corrosion protection, reduction of fouling rate, very smooth surface resulting in an increased efficiency
- Adapting condition monitoring systems

### **Engineering**

- Upgrades
- Re-rating
- De-rating
- Revamps



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## **Field Service**

- Minor and Major overhauls of turbo compressors
- Provision of Supervisors, technicians and mechanics required to perform the activities
- Turnkey jobs
- Toolcontainers
- Troubleshooting
- Emergency interventions